# U S E R  M A N U A L

# SPDIF 4x2 Matrix

**Model No: ADMX0402M1**

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# INTRODUCTION

## Dear customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Our series of converters, switchers, extenders, matrixes and splitters are designed to make your A/V device use more convenient, more comfortable, more productive and more cost-efficient.

This SPDIF 4x2 Matrix could put the four sets of SPDIF output signal source and two SPDIF input device connected. It can be easily split or switched between four SPDIF signal and two SPDIF signal receiving equipment.

Our devices offer solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

## FEATURES

- Four ways of optical fiber signal input split or switch to two sets of SPDIF signal receiving device.
- Audio format support : DTS-HD/Dolby-trueHD/LPCM2.0/DTS/Dolby-AC3/DSD
- Support signal retiming
- Used optical fiber cable loss less the 0.2Db/m, Output distance is up to 40m.
- The input control can through R/M and also can directly press the button.
- Support last time working state memory when power off.
- Over-voltage protection can prevent the damage caused by connecting unmatched power adapter to the machine, if the light for standby indication flashed, it shows that the output voltage from the power adaptor is too high and the adaptor needs to be changed.
- LED status indication, it can tell us the working state of the device very easily.
- No loss of quality
- Installs in minutes
- Need DC5V/1A power supply

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## The accessories with the machines lists：

1、5V Power Adaptor
2、Operation Manual
3、Remote-control unit

**Physical Connection Showing Picture：**

Figure 1.0 Front Panel Showing Picture

A:Power switch

B:Standby and over-voltage indication.

C:Switch button for A channel

D:Switch button for B channel

E:A channel output indication

F:A channel input indication

G:IR Remote receiver

H:B channel output indication

I: A channel input indication

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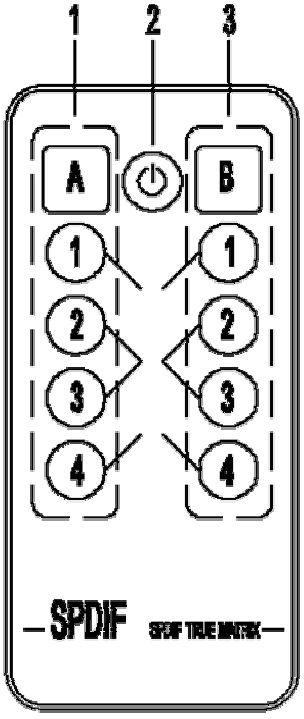
Figure 1.1 rear panel showing picture

A: SPDIF input port 1~4

B: SPDIF output port A,B

C: DC/5V Power Adaptor Interface

## Remote-control unit operating instructions

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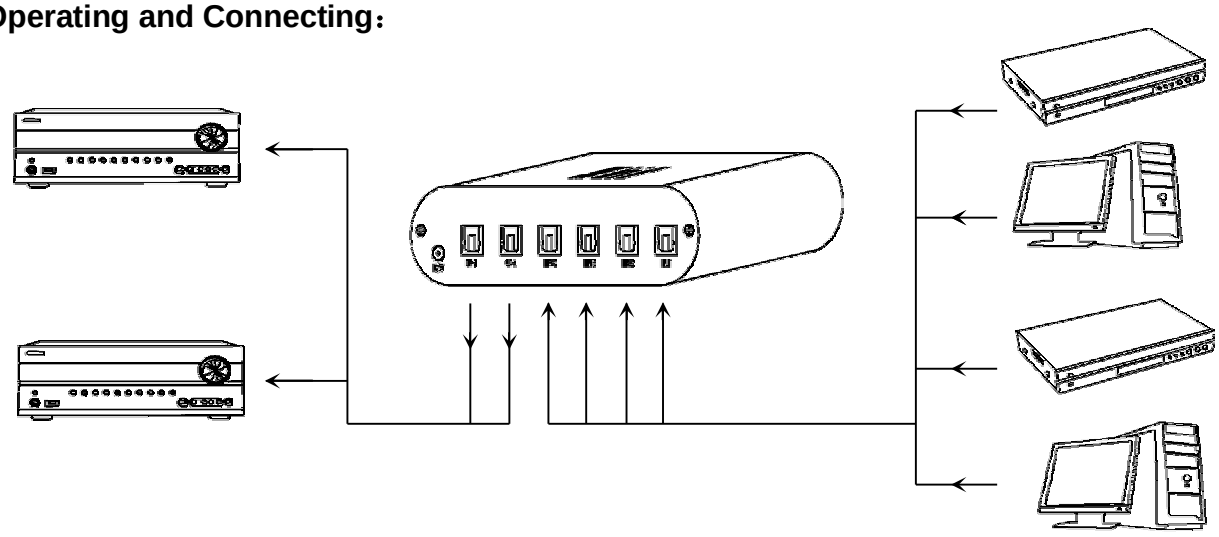
1,SPDIF output port A switch button, If the user wants to let the signal output from port A, only press the Number Keys under the Letter A. For example, source 2 output form A port, directly press the digital key 2 under Letter A.

2,Power swtich button

3, SPDIF output port B switch button. If the user wants to let the signal output from B port, only press the Number keys under the Letter B. For example, source 4 output form B port, directly press digital key 4 under Letter B.

Note: Before using the remote of the unit, please first take out the insulation plastic film from remote-control unit tail. If the remote is under long-time rest state, please insert the insulation plastic film.

**Operating and Connecting：**



1. To use the optical fiber cable to connect the optical fiber signal source (such as blue-ray player, the computer and so on) with the matrix input.
2. To le the matrix output port connected to the optical fiber signal receiver (such as amplifier, home theater and so on) by using the optical cable.
3. Connect 5V power supply to the matrix DC input port
4. Through the remote or button to switch the input source freely.

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## SPECIFICATIONS: ADMX0402M1

Support audio format……DTS-HD/Dolby-trueHD/LPCM2.0/DTS/Dolby-AC3/DSD

Peak wavelength……650nm

Max baud rate……16Mbps

Output cable distance ……. …≤40m(Use the optical fiber cable loss less the 0.2Db/m )

Max working current……100mA

Power adapter format……Input:AC (50HZ, 60HZ) 100V-240V; Output: DC5V/500mA

Operating Temperature range…… (0 to +40℃)

Operating Humidity range……5 to 90%RH (No Condensation)

Dimension (L x W x H)……68x128x34 (mm)

Weight……185g

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**Notes:**

Pls use the machine as the instruction listed to keep the long use lifetime of the machine.

1. The machine should be placed at the spot far from the Damp, High-Temperature, Dusty, Erosive, and oxidative environment.
2. All parts will be free from the strong shake, hit, fall.
3. Touching the power adaptor with the wet hands is prohibited.
4. Pls hold the power adaptor head and do not pull the power cord when cut off from the socket.
5. Pls turn the power off when the machine is not used for long time.
6. Pls do not open the cover and do not touch the inside parts.
7. Pls use the original factory power adaptor.

Before power on, pls check the connection line carefully. And make sure that all interfaces are normally connected. The common trouble shooting way shows below:

| Serial NO | Trouble Description | Cause and Ways to deal with |
|---|---|---|
| 1 | Non-Power-Connected | 1、Check if the power adaptor head is truly and correctly inserted the power socket.<br>2、Check the power switch if it is in on status. |
| 2 | No sound output | 1、Check the signal receiving equipment and the machine connection are in good condition.<br>2、To check if the signal source is on and well connected.<br>3、Check the system connection quality.<br>4、Check if the line is all good quality. |
| 3 | Sound interrupted | 1、To try again to connect the cable to be free from the unsuccessful connection. |

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